

**Clean Version of the Pending Claims**

**COMPOUNDS AND METHODS TO INHIBIT OR AUGMENT AN INFLAMMATORY  
RESPONSE**

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1. (Four times amended) An isolated and purified peptide of a chemokine, a variant, or a derivative thereof, comprising no more than 30 amino acid residues, wherein the peptide comprises residues  $X_1$ -Asp-Pro- $X_2$ - $X_3$ - $X_4$ -Trp- $X_5$ -Gln (SEQ ID NO:84) or consists of  $X_2$ - $X_3$ - $X_4$  or Trp- $X_5$ -Gln, wherein  $X_1$  is Ala or Leu,  $X_2$  is Lys, Ser or Thr,  $X_4$  is Lys, Glu, Ser or Arg,  $X_5$  is Val or Ile, and  $X_3$  is any amino acid and wherein the peptide inhibits the activity of at least one native chemokine.
3. The peptide of claim 1 which is not a peptide of interleukin-8 (IL-8) or neutrophil activating protein-2 (NAP-2).
4. The peptide of claim 1 which is a variant of a peptide of monocyte chemotactic protein-1 (MCP-1).
6. The peptide of claim 1 which is a peptide of a CC chemokine.
7. The peptide of claim 6 wherein the CC chemokine is MCP-1, regulated on activation, normal T expressed and secreted protein (RANTES), monocyte chemotactic protein-2 (MCP-2), monocyte chemotactic protein-3 (MCP-3), monocyte chemotactic protein-4 (MCP-4), eotaxin, macrophage inflammatory protein-1 $\alpha$  (MIP1 $\alpha$ ), MIP1 $\beta$ , liver and activation regulated chemokine (LARC), I309, hemofiltrate CC-chemokine -1 (HCC-1), thymus and activation regulated chemokine (TARC) or chemokine beta 8 (Ck $\beta$ 8).
8. The peptide of claim 1 which is a peptide of a CXC chemokine.

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9. The peptide of claim 8 wherein the CXC chemokine is interferon inducible protein 10 (IP-10), platelet factor-4 (PF-4), stromal cell-derived factor-1 (SDF-1 $\alpha$ ), NAP-2, growth regulated oncogene alpha (GRO $\alpha$ ), GRO $\beta$ , GRO $\gamma$  or epithelial neutrophil activating peptide-78 (ENA78).
  10. The peptide of claim 8 wherein the CXC chemokine is IL-8.
  11. A cyclic reverse sequence derivative (CRD) of a peptide of a chemokine or a variant thereof.
  42. (Three times amended) The peptide of claim 4 which is Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln (SEQ ID NO:85).
  43. The derivative of claim 11 which is CRD-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln-Cys.